

CA0074361

MATERIAL SAFETY DATA SHEET				Form Approved Bureau Budget No. 45-20338		
SECTION I	MANUFACTURER'S NAME AND FSCM (Federal Supply Code (or Manufacturer))				EMERGENCY PHONE NO.	
	ADVANCED COATINGS & CHEMICALS				818-579-6270	
	ADDRESS (Number, Street, City, State, and ZIP Code)					
	4343 Temple City Blvd., Temple City, CA 91780					
	CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS			
ORGANIC SOLVENT		High Speed Drilling Fluid DPM 5172				
CHEMICAL FAMILY		FORMULA				
ORGANIC SOLVENT		30C-52 0Y 30-C-109				
FEDERAL STOCK NUMBER (FSN)		GROSS WEIGHT (LBS)		OUTSIDE PACKAGE DIMENSIONS (Inches)		
MIL-STD-1341/NATIONAL FIRE PROTECTION ASSOCIATION STD 704M SIGNAL						
FLAMMABILITY _____ HEALTH _____ REACTIVITY _____ SPECIFIC HAZARD _____						
SECTION II - HAZARDOUS INGREDIENTS	PAINTS, PRESERVATIVES, AND SOLVENTS	% Volume	THRESHOLD LIMIT VALUE (Units)	ALLOYS AND METALLIC COATINGS	% Volume	THRESHOLD LIMIT VALUE (Units)
	PIGMENTS			BASE METAL		
	CATALYST			ALLOYS		
	VEHICLE			METALLIC COATINGS		
	SOLVENTS	100		FILLER METAL PLUS COATING OR CORE FLUX		
	ADDITIVES			OTHERS		
	OTHERS					
	HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES By Total Volume of Solvents				% Volume	THRESHOLD LIMIT VALUE (Units)
	Butyl Cellosolve (Ethylene Glycol Monobutyl Ether)				CAS # 111-76-2	0.96 25 PPM
	Deodorized Kerosene				CAS # 8008-20-6	99.04 500 PPM
SECTION III - PHYSICAL DATA						
BOILING POINT (°F.) Initial		330°F.		SPECIFIC GRAVITY (H ₂ O=1)		
VAPOR PRESSURE (mm Hg) @ 20°C.		Unavailable		PERCENT VOLATILE BY VOLUME (%)		
VAPOR DENSITY (AIR=1)		Heavier		EVAPORATION RATE (Butyl Acetate = 1)		
SOLUBILITY IN WATER		Negligible		Slower		
APPEARANCE AND ODOR						
Water Clear with Distinct Solvent Odor.						
FLASH POINT (Method used)			FLAMMABLE LIMITS	LOWER EXPLOSIVE LIMIT	UPPER EXPLOSIVE LIMIT	
140°F. TCC				1.0% by Volume	7.0% by Volume	
EXTINGUISHING MEDIA						
Foam, Dry Chemical, Carbon Dioxide						
SPECIAL FIRE FIGHTING PROCEDURES Full emergency equipment with self-contained breathing apparatus should be worn by fire fighters.						
UNUSUAL FIRE AND EXPLOSION HAZARDS						
During a fire, irritating & toxic gases & smoke are present from decomposition. Isolate from heat, sparks & open flame. Closed containers may burst when exposed to extreme heat.						

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BOE-C6-0201830

SECTION V HEALTH HAZARD DATA	THRESHOLD LIMIT VALUE			
	As indicated. See attached sheet for results of animal inhalation tests of DiBasic Ester.			
	EFFECTS OF OVEREXPOSURE			
	<u>Eyes:</u> Can cause severe irritation, redness, tearing and blurred vision. <u>Skin:</u> Prolonged or repeated contact can cause irritation. Defatting to skin. <u>Breathing:</u> Excessive inhalation can cause nasal and respiratory irritation, dizziness and possible unconsciousness. <u>Swallowing:</u> Can cause damage to throat and esophagus.			
	EMERGENCY AND FIRST AID PROCEDURES			
	On Skin: Thoroughly wash exposed area with soap & water. Remove contaminated clothing. Launder contaminated clothing before reuse. In Eyes: Flush with large amounts of water, lifting upper & lower lids occasional. If Swallowed: Give two glasses of water. Induce vomiting. Call a physician. Never give anything by mouth to an unconscious person. If Breathed: Remove individual to fresh air. If breathing is difficult, administer oxygen, If breathing has stopped, give artificial respiration & call a doctor immediately.			
SECTION VI REACTIVITY DATA	STABILITY	UNSTABLE		CONDITIONS TO AVOID
		STABLE	X	
	INCOMPATIBILITY (Materials to avoid) Avoid metal hydroxides, such as sodium hydroxide; inorganic acids.			
	HAZARDOUS DECOMPOSITION PRODUCTS May form toxic materials, carbon monoxide & carbon dioxide, various hydrocarbons & acrid fumes.			
	HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
WILL NOT OCCUR		X	None	
SECTION VII SPILL OR LEAK PROCEDURES	STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED			
	Small Spills: Absorb liquid on paper, vermiculite or other absorbent material & transfer to hood.			
	Large Spills: Eliminate all ignition sources (flares, flames, including pilot lighting & electrical sparks). Persons not wearing protective equipment should be excluded from the area. Stop spill at source. Dike area of spill to prevent spread; pump into salvage tank. Remaining liquid may be taken up by sand, etc. shovel.			
	WASTE DISPOSAL METHOD			
	Small Spills: Allow volatile portion to evaporate in hood. Allow sufficient time for vapors to clear hood duck work. Destroy remaining material by burning in an iron pan. Large Spills: Destroy by liquid incineration. Material collected on absorbent material, may be deposited in a posted toxic substance landfill in accordance with local, state & federal regulations.			
SECTION VIII - SPECIAL PROTECTION INFORMATION	RESPIRATORY PROTECTION (Specify type) A NIOSH/MSHA jointly approved self-contained breathing apparatus with a full face piece in pressure-demand is advised. However, other NIOSH approved respiratory under specified conditions are also permitted.			
	VENTILATION Face Velocity >60 fpm in confined area	LOCAL EXHAUST Required to maintain exposure level below over exposure.		SPECIAL conditions are also perm.
		MECHANICAL (General) Recommended		
	PROTECTIVE GLOVES Wear resistant gloves such as buna, polyvinyl chloride, etc.		EYE PROTECTION Chemical splash goggles in compliance w/Osha regulations.	
	OTHER PROTECTIVE EQUIPMENT To prevent repeated or prolonged skin contact, wear impervious clothing and boots. Eye bath and safety shower.			
	SECTION IX SPECIAL PRECAUTIONS			
SECTION X TRANS. DATA	PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING			
	Do not breathe vapor. Use with adequate ventilation. Do not get in eyes, on skin or on clothing. Accidental contact should be washed away immediately. Keep away from heat and open flames. Keep containers closed.			
	OTHER PRECAUTIONS Since emptied containers retain product residues (vapors, liquid, and/or solid) all hazard precautions given in this data sheet must be observed.			
	PROPER SHIPPING (Article) NAME Printing Ink UN 2867			
DOT LABEL Red		DOT MARKING	DOT CLASSIFICATION Combustible	
DOT PLACARD Combustible		EMERGENCY ACCIDENT PRECAUTIONS AND PROCEDURES Avoid sparks or open flames. Avoid skin and eye contact.		
		PRECAUTIONS TO BE TAKEN IN TRANSPORTATION Avoid open flames and sparks. Keep containers closed.		

PLATE NO. 22473 (BACK)